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(54) Title: PEPTIDES AND PEPTIDOMIMETICS BINDING TO CD23

(57) Abstract: The present invention describes compounds comprising new and useful peptides and peptidomimetics that can bind to CD23. They are capable of reducing inflammatory responses associated with auto-immune diseases, chronic inflammatory diseases, allergies and other inflammatory conditions such as those mediated by the mammalian immune system. Compounds of the present invention relate to a CD23-binding peptide wherein said peptide comprises an amino-acid sequence of $X_1-X_2-X_3-X_4-X_5-X_6-X_7-X_8$, wherein: X_1 is Phe, or is absent; X_2 is His or Ala; X_3 is Glu, Ser, Ala, Asn, Lys, or Cys; X_4 is Asn, Phe, Gln, Pro, Ser, or Ala; X_5 is Trp; X_6 is Pro, Arg, Glu, Gly, Cys, or Lys; X_7 is Ser, Pro, Leu, Thr, Ala, Gly, Asn, or absent; and X_8 is Phe, Gly, or is absent.